

What is claimed is:

1. A lens for an optical recording and reproducing system comprising:

5 a plane of incidence on which a light generated from a light source is made incident;

a first reflection side for reflecting a light passing through a plane of incidence; and

10 a second reflection side for reflecting again the light that has been reflected on the first reflection side, the second reflection side being coated with a reflection material and being formed to be parabolic.

2. The lens of claim 1, wherein a focal point of the parabola side is positioned on the first reflection side.

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3. The lens of claim 2, wherein the reflection material is coated at a portion other than the focal point region on the first reflection side.

4. The lens of claim 2, wherein a step is formed at the focal point  
20 portion of the first reflection side.

5. The lens of claim 4, wherein the step has a size of 0.1~100nm.

6. The lens of claim 1, wherein a hologram is formed at the plane of  
25 incidence.

7. The lens of claim 1, wherein the focal point of the parabola side is positioned lower than the first reflection side.

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